

AIX-635-XXX /100~500mW

RED DIODE LASER
635nm

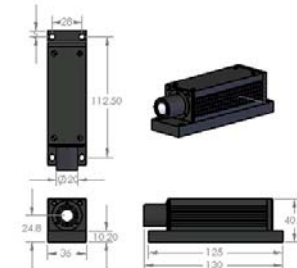


SPECIFICATIONS

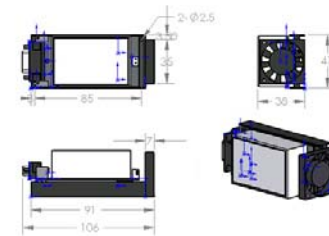
Wavelength (nm)	635±5
Output power (mW)	100-500
Transverse mode	Near TE ₀₀
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<5
M ² factor	<20
Beam divergence, full angle (mrad)	<3.0
Beam diameter at the aperture (mm)	~6.0
Beam height from base (mm)	24.8
Spectral linewidth (nm)	<1.5
Polarization ratio	>50:1
Point stability after warm-up (mrad)	<0.05
Operating temperature (°C)	10-35
Expected lifetime (hours)	10000
Net weight of laser head (kg)	0.44
Dimensions of laser head (mm)	130(L)×36(W) ×40(H)
Power supply (80-260VAC)	Integrated driver
	Dimensions: 106(L) ×47(W) ×38(H)
	Net weight: 0.235kg
Warranty time	1 year

Remarks Remember that 635 diodes emit a somewhat square beam

LASER HEAD DIMENSIONS



POWER SUPPLY DIMENSIONS



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